

## anti-TrpRS antibody

### Product Information

Catalog No.:	FNab09024
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

TrpRS is also named as IFI53, WRS, WARS and belongs to the class-I aminoacyl-tRNA synthetase family. It catalyzes activation of tryptophan by ATP and transfer to tRNA<sup>Trp</sup>, ensuring translation of the genetic code for tryptophan. TrpRS is thought to be more closely related to TyrRS than to any other class I enzyme, but the significance of this relationship has been questioned (PMID:7743129). It can exist as a dimer (PMID:7743129). It has 2 isoforms produced by alternative splicing.

### Immunogen information

Immunogen:	tryptophanyl-tRNA synthetase
Synonyms:	GAMMA 2, hWRS, IFI53, IFP53, Interferon induced protein 53, TrpRS, Tryptophan tRNA ligase, Tryptophanyl-tRNA synthetase, WARS, WRS, SYWC
Observed MW:	53 kDa
UniprotID :	P23381

### Application

#### Wuhan Fine Biotech Co., Ltd.

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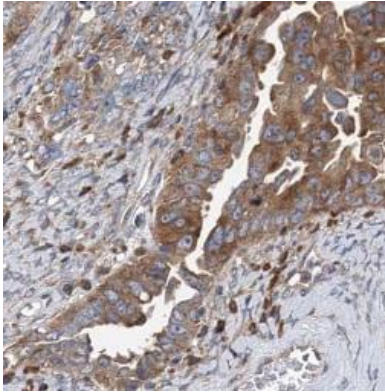
Fax: (0086)027-87800889 [www.fn-test.com](http://www.fn-test.com)

Reactivity: Human, Mouse, Rat

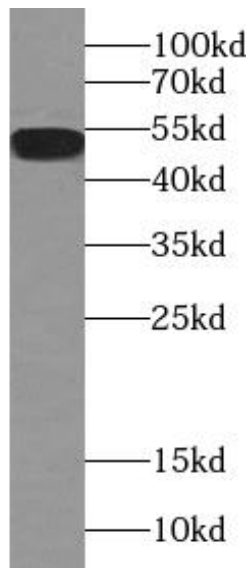
Tested Application: ELISA, WB, IHC, IF, FC

Recommended dilution: WB: 1:1000-1:10000; IP: 1:200-1:2000; IHC: 1:20-1:200; IF: 1:10-1:100

Image:



Immunohistochemistry of paraffin-embedded human ovary tumor tissue slide using FNab09024(WARS Antibody) at dilution of 1:50



HeLa cells were subjected to SDS PAGE followed by western blot with FNab09024(WARS antibody) at dilution of 1:500

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